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TI - Core sheath type solid composite short fibre having fragrance - comprises olefin polymer compsn. contg. an essential oil as core part and polyester as sheath part

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AB - JP3076815 A

Fibre comprises a core sheath type composite short fibre comprising of olefinic polymer compsn. contg. 0.1-5 wt.% an essential oil as core part and polyester as sheath part. (A) an olefine polymer consisting of substantially alpha-olefine and having no polar gp. is of 98-50 wt.%. (B) an modified olefine polymer copolymerised 3-30 wt.% of at least one of unsatd. carboxylic acid, unsatd. alcohol and ester, acid anhydride or amide is of 2-50 wt.%.

Pref. the essential oil is that of a Japanese cypress, peppermint, eucalyptus, camphor etc. The polymer consists of core part consisting of 89-50 wt.%, pref. 98-70 wt.% of (A) and 2-50 wt.%, pref. 2-30 wt.% of (B). Polymerising monomer contg. in (B) is, e.g., acrylic acid methacrylic acid, maleic acid, fumaric acid and lower alkyl ester or amide thereof, maleic anhydride, vinyl acetate etc.

USE/ADVANTAGE: - The core sheath type solid composite short fibre having fragrance is useful for wadding of a Futon, pillow, cushion, stuffed toy animal, or nonwoven fabric, clothings, bedding, interior, upholstery, household articles and the like. Fibre can be imparted with perfume effect such as a forest bath effect in a long period stably. (Dwg.0/0)